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MATEMATISK-FYSISKE
MEDDELELSER

UDGIVET AF

DET KGL. DANSKE VIDENSKABERNES SELSKAB

BIND 37

KØBENHAVN
KOMMISSIONÆR: MUNKSGAARD
1968—70

INDHOLD

		Side
1.	Christiansen, J. A.: A Hypothesis on the Interaction between Permanent Molecular Quadrupoles and Polarized Photons. 1968	1–13
2.	Heilmann, Ole J.: Mathematical Polymers. I. 1968	1–18
3.	Aaboe, Asger: A Computed List of New Moons for 319 B.C. to 316 B.C. from Babylon: B.M. 40094. 1969	1–25
4.	Møller, C.: The Thermodynamical Potentials in the Theory of Relativity and their Statistical Interpretation. 1969	1–27
5.	Jensen, H. Højgaard, and Nielsen, P. Hedebol: Particle Aspects of Phonons. 1969	1–28
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7.	Tjøm, P. O., and Elbek, B.: A Study of Energy Levels in Odd-Mass Erbium Nuclei by Means of (d,p) and (d,t) Reactions. 1969	1–44
8.	Bak, Børge; Led, Jens Jørgen, and Pedersen, Erik Jonas: Reversible Chemical Changes of Polypeptides in CF_3COOH as seen by Nuclear Magnetic Resonance Spectra. 1969	1–12
9.	Johnson, Rune: On Phonons in Simple Metals. I. 1970	1–36
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11.	Brevik, I.: Electromagnetic Energy-Momentum Tensor within Material Media. 1. Minkowski's Tensor. 1970	1–52
12.	Grotdal, T., Nybø, K., and Elbek, B.: A Study of Energy Levels in Odd-Mass Dysprosium Nuclei by Means of (d,p) and (d,t) Reactions. 1970	1–51
13.	Brevik, I.: Electromagnetic Energy-Momentum Tensor within Material Media. 2. Discussion of Various Tensor Forms. 1970	1–79
14.	Winterbon, K. B.; Sigmund, Peter, and Sanders, J. B.: Spatial Distribution of Energy Deposited by Atomic Particles in Elastic Collisions. 1970	1–73